



April 6, 2022

F/V Sundance, Inc.
Rodney McVicker
C/o Kevin Mabin
E. F. Travers & Associates, Inc.
PO Box 46358
Seattle, WA 98146

RE: F/V Sundance, Inc. Diesel Fuel Spill Remediation Project
Pacific Marine Center
2601 T Ave., Anacortes, WA 98221

Mr. McVicker:

Enclosed is the *Voluntary Cleanup Report* for the recently completed diesel fuel spill remediation project at the Pacific Marine Center in Anacortes, WA. As summarized in the report, visual and olfactory observations, field screenings, and the soil sample analytical results have indicated that the remediation project was successful in excavating the petroleum-contaminated soil (PCS) from the diesel fuel spill area of the site. All confirmation soil sample analytical results were below the MTCA Method A cleanup level for unrestricted land use. A total of 156.17 tons of PCS was excavated and hauled to the licensed Cadman thermal desorption facility in Everett, WA for incineration. These observations and results would indicate that no further action regarding the former diesel fuel spill is warranted at this site.

Thank you, again, for the opportunity to work with you on this project and please give me a call if you have any questions regarding this or any future projects.

Sincerely,

Tom Langseth
Registered Site Assessor
Northern Environmental, LLC
d/b/a Langseth Environmental Services, Inc.

CC: Arianne Fernandez, Washington State Department of Ecology
Kevin Mabin, E. F. Travers & Associates, Inc.

Table of Contents:

- Voluntary Cleanup Report
- Site & Sampling Location Maps
- Soil Sample Analytical Data
- Ancillary Documentation
- Pertinent Permits
- Contaminated Soil Disposal Manifests
- Photographs



VOLUNTARY CLEANUP REPORT

2601 T Ave.

Skagit County Parcel Number: P32975

WDOE ERTS # 712977

SITE LOCATION:

Pacific Marine Center
2601 T Ave.
Anacortes, WA 98221

PROPERTY OWNER:

MJB Properties, LLC
9125 10th Ave. So.
Seattle, WA 98108

RESPONSIBLE PARTY:

F/V Sundance, Inc.
Rodney McVicker
C/o Kevin Mabin
E. F. Travers & Associates, Inc.
PO Box 46358
Seattle, WA 98146
206-423-4311 (c)
kmabin@eftravers.com

PROJECT CONTACT:

Chuck Albertson, Operations Manager
Pacific Marine Center
2601 T Ave.
Anacortes, WA 98221
360-299-8820
chuck@pacificmarinecenter.com

Diesel Fuel Spill Remediation Project

April 6, 2022

This report was compiled by Tom Langseth, registered and licensed with the Washington State Department of Ecology (WDOE) to perform environmental site assessments in accordance with WAC 173-340, through the International Code Council.

This site is located in Skagit County, in a commercial/industrial area inside the city limits of Anacortes, WA. Site address is 2601 T Ave., Anacortes, WA 98221. The site is the location of Pacific Marine Center, a marine vessel storage and repair facility. The property is owned by MJB Properties, LLC, 9125 – 10th Ave. So., Seattle, WA 98108. The onsite contact person for this project was the Pacific Marine Center operations manager, Chuck Albertson; he can be reached at 425-446-2620, (chuck@pacificmarinecenter.com).

The MJB Properties, LLC Anacortes properties consist of numerous parcels (see enclosed parcel location map). The diesel fuel spill was located approximately 775' north of 28th Street and approximately 1005' south of 22nd Street on the 2601 T Avenue parcel. The F/V Sundance fishing vessel was in the Pacific Marine Center yard for repairs. On February 24, 2022, the vessel's owner was transferring diesel fuel from one of the boat's fuel tanks to another tank. The fuel tank was over filled, and diesel fuel spilled off the boat's deck onto the gravel covered storage/repair yard. The Washington State Department of Ecology Spill Response was notified. A Northern Environmental, LLC emergency response team responded to the spill on February 25, 2022. Utilizing a vacuum truck and laborers, the accessible diesel fuel was removed from the gravel yard. Absorbent booms and pads were utilized to contain and absorb the visual evident diesel fuel. All vacuumed fuel and spent absorbent booms and pads were hauled for disposal. Three characterization soil samples were obtained from the spill area. The spill area was covered with poly sheeting and secured.

The scope of this project was to obtain the required permits pertaining to the disposal of the petroleum contaminated soil (PCS), excavate, load, and haul the PCS to a licensed disposal facility. Following PCS excavation, confirmation soil samples will be obtained indicating that the remediation project had been successful. The excavation area will then be backfilled and restored to pre-existing conditions. Finally, a Voluntary Cleanup Report detailing the work completed and the soil sample analytical results will be provided to the property owner and to the pertinent agencies.

WORK PERFORMED

Following receipt of the obtained characterization soil samples from the spill area, the PCS disposal manifests were generated. Although this was a marine diesel fuel spill, one characterization sample result showed BTEX present. It is assumed that because this is a marine vessel storage and repair facility, at some unknown time in the past, gasoline was spilled in this location. The confirmation sampling plan includes BTEX in addition to diesel testing. Prior to the start of the project, a private utility locate was completed at the Pacific

Marine Center site by Mt. View Locating Services, LLC. The PCS remediation project was begun on March 29, 2022. The poly sheeting covering the spill area and the previously deployed absorbent booms were removed for disposal. Very slight visual indications of petroleum were noted on the booms. This indicated that the emergency spill response had been successful in mitigating any further migration of the spilled diesel fuel. It should be noted that at the time of the spill, the weather conditions were snowy and cold. The gravel yard was frozen, allowing the spill to travel in a southerly direction. The Northern Environmental emergency response personnel noted that the diesel fuel had pooled approximately 50' south of the initial spill location. The PCS excavation area was approximately 42' wide at the northerly end near the spill source. The excavation area began approximately 61' south of the spill source. Utilizing three solo dump trucks, the PCS was excavated and hauled to the licensed Cadman thermal desorption facility in Everett, WA for incineration. Confirmation soil samples were obtained throughout the project and taken to the onsite Libby Environmental mobile laboratory for analysis. The southerly excavation was approximately 3' deep. One area, approximately 16' north of the southerly end of the remediation area, was excavated to an approximate depth of 6'. At the approximate middle of the spill area, the remediation depth sloped upward to an approximate depth of 8" - 12". A total of nine solo dump truck loads (156.17 tons) of PCS was excavated for incineration. A total of 20 confirmation soil samples were obtained from the excavation area. All sample analytical results were below the MTCA Method A cleanup level for unrestricted land use.

Soil conditions in the excavation area of the site consisted of 6" - 10" of gravel and crushed rock material, followed by unconsolidated construction debris to a depth of at least 6' (large cobbles, concrete debris, silty clay). No utilities were located in the remediation area of the site.

Mr. Kevin Mabin, Vice President with Edward F. Travers & Associates, Inc., was on site throughout the project to observe all soil excavation and soil sampling. Soil sampling was conducted in accordance with Washington State Department of Ecology guidelines. The confirmation soil samples were collected utilizing the backhoe and/or hand tool method, utilizing clean hand tools. The samples were placed into clean, wide mouth glass containers with Teflon lids provided by the laboratory. The samples were transported immediately to the onsite Libby Environmental, Inc. mobile laboratory for analysis. The samples were tested utilizing the NWTPH-Dx/Dx Extended method. Selected samples were analyzed for BTEX utilizing the EPA 8260D method. These analytical procedure test for the presence of diesel and benzene, toluene, ethylbenzene, and xylene hydrocarbons. The original samples included and utilized in this remediation project were obtained by Northern Environmental, LLC emergency response supervisor, Tim Jacobson.

RECOMMENDATIONS FOR FURTHER ACTION

Based on the soil sample analytical results, field screenings and visual observations during this diesel spill cleanup project, it is the conclusion of this consultant that the remediation project was successful in excavating the petroleum-contaminated soil from the spill area of the site. All confirmation soil sample results were below the MTCA Method A cleanup level for unrestricted land use. A total of 156.19 tons of PCS was excavated and hauled to the licensed Cadman thermal desorption facility in Everett, WA for incineration. These observations and results would indicate that no further action regarding the diesel spill is warranted at this site.

Enclosed are site and sampling location maps, laboratory analytical data, and the chain of custody forms. Pertinent permits, the PCS disposal manifests, ancillary documentation, and photographs taken throughout the project are located at the end of the report.

LIMITATIONS

This report has been prepared for the exclusive use of F/V Sundance, Inc., and their agents, in accordance with generally accepted professional practices for the nature and condition of the work completed in the same or similar localities, at the time the work was performed. The findings contained herein are relevant to the dates of the Northern Environmental, LLC d/b/a Langseth Environmental Services voluntary cleanup project and should not be relied upon to represent conditions at later dates. No additional warranty is expressed or implied. In the event that changes in the nature, usage or layout of the property or nearby properties are made, the conclusions and recommendations contained in this report may not be valid. If additional information becomes available, it should be provided to Northern Environmental, LLC d/b/a Langseth Environmental Services so that the original conclusions and recommendations can be modified as necessary.

Sincerely,



Tom Langseth
Registered Site Assessor
Northern Environmental, LLC
d/b/a Langseth Environmental Services

CC: Arianne Fernandez, Washington State Department of Ecology
Kevin Mabin, E. F. Travers & Associates, Inc.

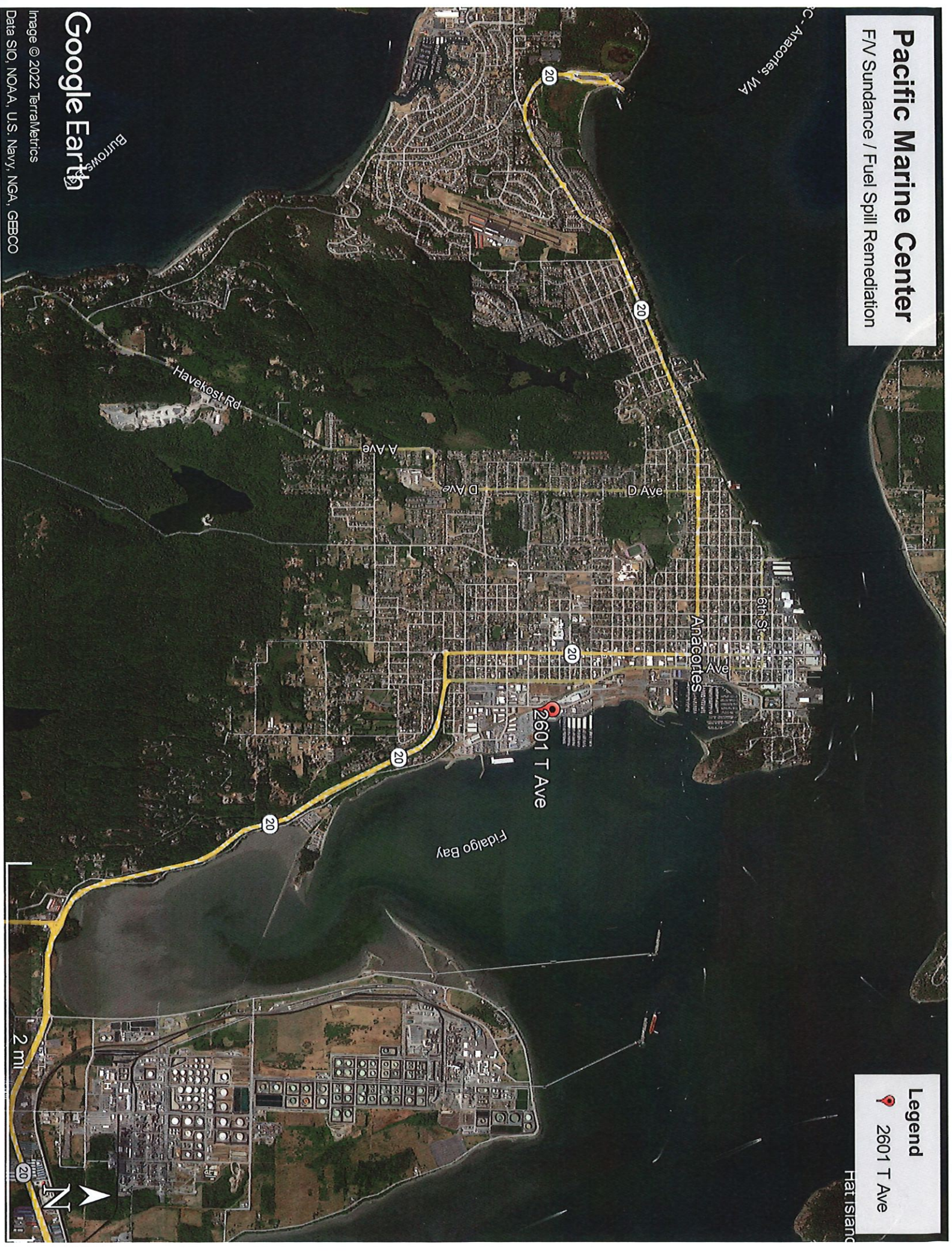
SITE & SAMPLING

LOCATION MAPS


Pacific Marine Center

F/V Sundance / Fuel Spill Remediation

C - Anacortes, WA



Legend

-  2601 T Ave

Hat Island

Google Earth

Image © 2022 TerraMetrics
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Pacific Marine Center

FV Sundance / Fuel Spill Remediation



Legend
📍 2601 T Ave

Google Earth



Pacific Marine Center

FN Sundance / Fuel Spill Remediation

Google Earth

Tommy Thompson Trail

T Ave

T Ave

2601 T Ave

Legend

2601 T Ave

100 ft



Details for Parcel: P32975



Jurisdiction: ANACORTES

Zoning Designation: Please contact the city of ANACORTES for ANACORTES zoning information.

[Recorded Documents](#) Documents scanned and recorded by the Auditor's office

[Excise Affidavits](#) Document scans of excise affidavits

Parcel Number	XrefID	Quarter	Section	Township	Range
P32975	350219-0-066-0007		19	35	02

Owner Information
 MJB PROPERTIES LLC
 9125 10TH AVE S
 SEATTLE, WA 98108

Site Address(es)

Map Links
[Open in iMap](#)
 Assessor's Parcel Map:
[PDF](#) | [DWF](#) | [DWG](#)

Current Legal Description [Abbreviation Definitions](#)

(1.3800 ac) ANACORTES TIDE LANDS TR 27 PL 10, SECTION 19, TOWNSHIP 35 NORTH, RANGE 2 EAST, W.M., ALSO VAC N1/2 26TH ADJ

2021 Values for 2022 Taxes*

Building Market Value	\$.00
Land Market Value	+\$224,400.00
Total Market Value	\$224,400.00
Assessed Value	\$224,400.00
Taxable Value	\$224,400.00

Sale Information

Deed Type	QUIT CLAIM DEED
Sale Date	2009-04-07
Taxable Selling Price	\$.00

2022 Property Tax Summary

2022 Taxable Value	\$224,400.00
General Taxes	\$1,916.89
Special Assessments/Fees	+\$5.00
Total Taxes	\$1,921.89

[Pay Property Taxes Online](#)

* Effective date of value is January 1 of the assessment year (2021)

[Legal Description at time of Assessment](#)

*Assessment Use Code	(440) MARINE CRAFT TRANSPORTATION	WAC 458-53-030
Neighborhood	(7L2ANA) ANACORTES INDUSTRIAL LAND	
Levy Code	0900	Fire District
School District	SD103	Exemptions
Utilities		Acres
		0.86

Improvement 1 Attributes Summary

Building Style	COMMERCIAL REAL PROPERTY		
Year Built		Foundation	
Above Grade Living Area		Exterior Walls	
Finished Basement		Roof Covering	
*Total Living Area		Heat/Air Conditioning	
Unfinished Basement		Fireplace	
*Total Garage Area		Bedrooms	
Bathrooms			

For additional information on individual segments see Improvements tab

* Assessment Use Code is for assessment administration purposes and has no relation to zoning or allowable land use.

* Total living area includes above grade living area and finished basement area.

* Garage square footage includes all garage areas; basement garages, attached garages, detached garages, etc.

Assessment data for improvements is based on exterior inspections. Please contact the Assessor's office if the information does not accurately reflect the interior characteristics.



iMap

Property Map

Additional Maps

Legend

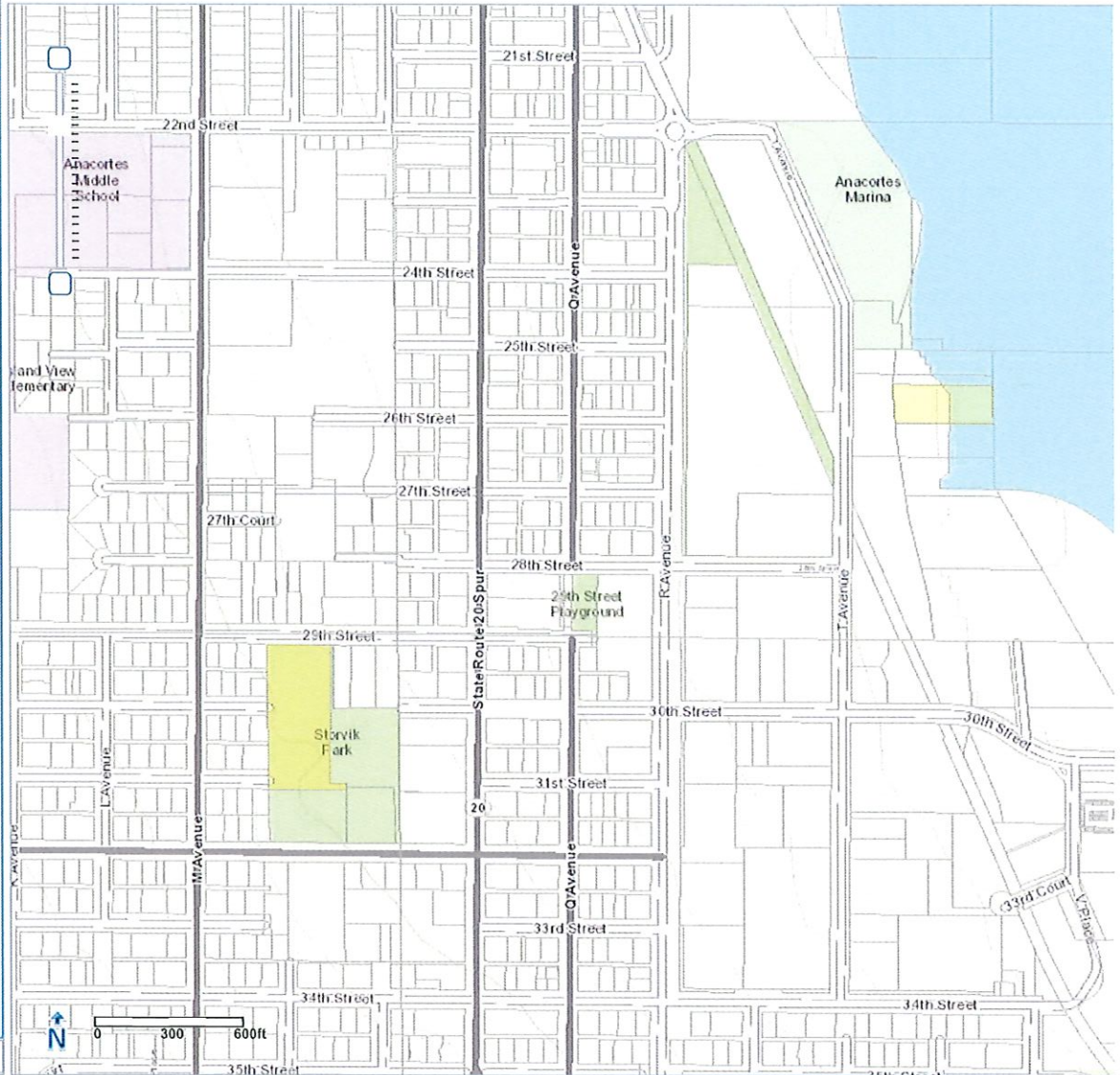
Layer List

Search

Search Method:

- Parcel ID
- Owner Name (Last First)
- Address (House No. Street)
- Road Name

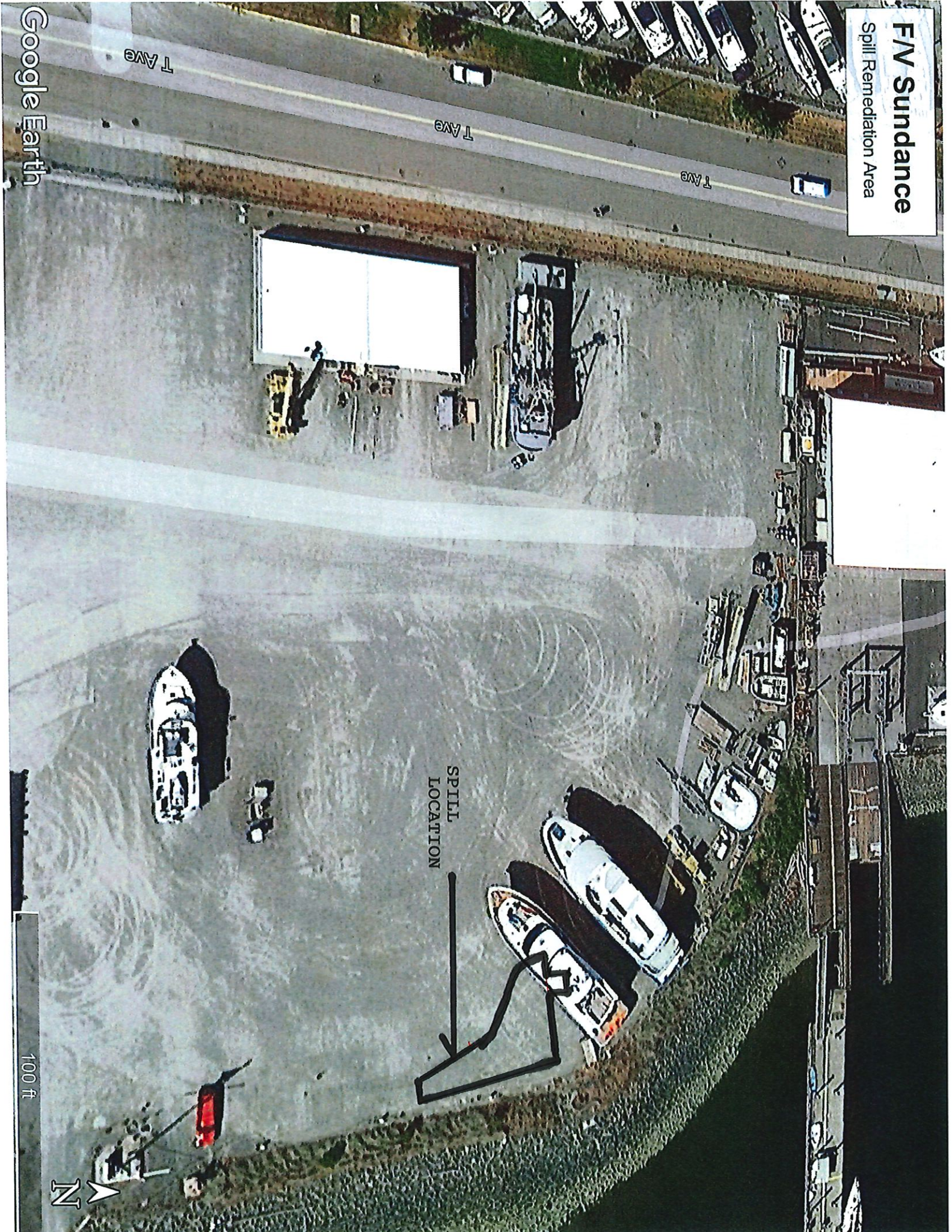
Clear Search Graphic(s)



Map Description

F/V Sundance

Spill Remediation Area



SPILL
LOCATION

T Ave

T Ave

T Ave

Google Earth

100 ft

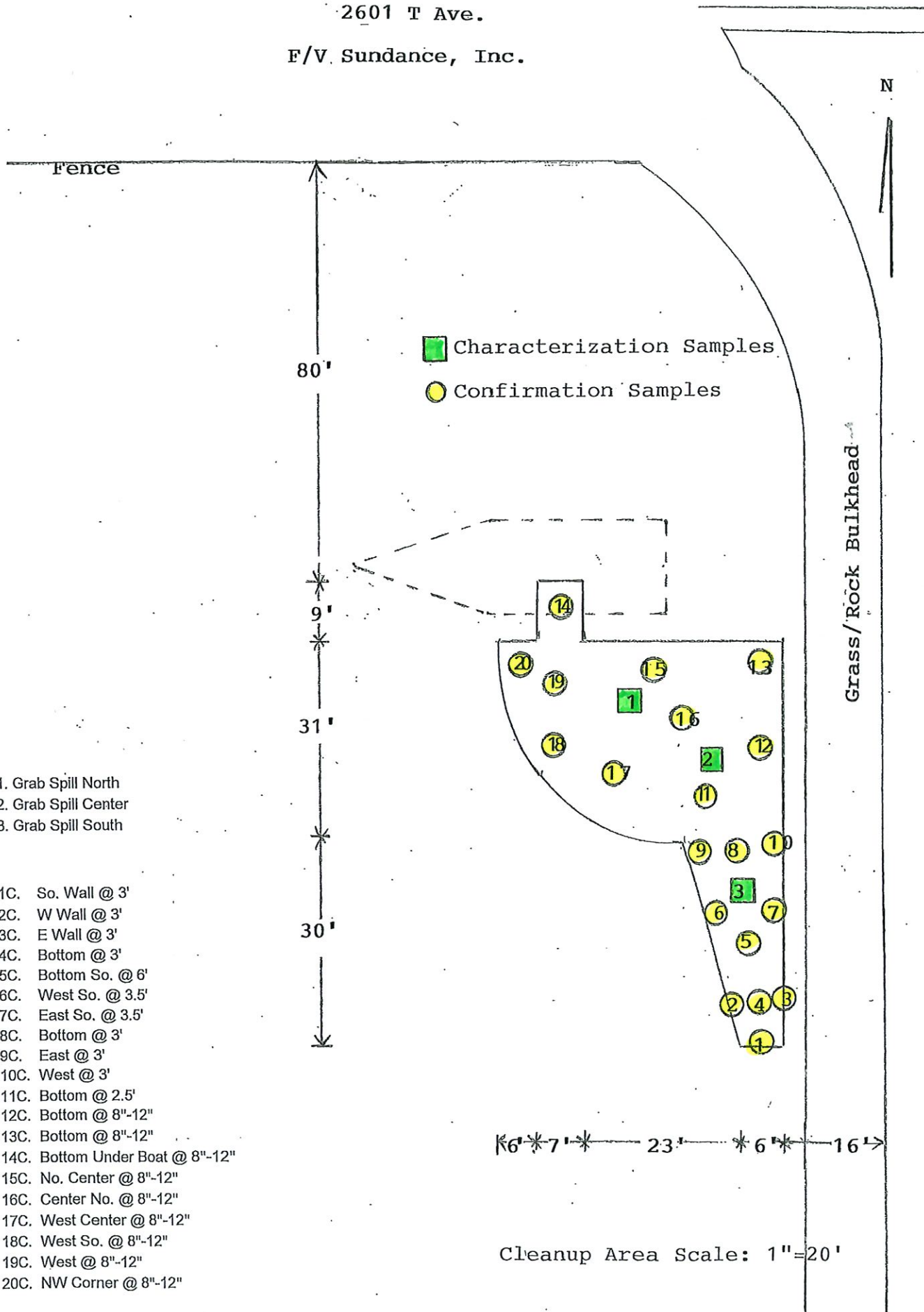




SOIL SAMPLE LOCATION MAP

2601 T Ave.

F/V Sundance, Inc.



- 1. Grab Spill North
- 2. Grab Spill Center
- 3. Grab Spill South

- 1C. So. Wall @ 3'
- 2C. W Wall @ 3'
- 3C. E Wall @ 3'
- 4C. Bottom @ 3'
- 5C. Bottom So. @ 6'
- 6C. West So. @ 3.5'
- 7C. East So. @ 3.5'
- 8C. Bottom @ 3'
- 9C. East @ 3'
- 10C. West @ 3'
- 11C. Bottom @ 2.5'
- 12C. Bottom @ 8"-12"
- 13C. Bottom @ 8"-12"
- 14C. Bottom Under Boat @ 8"-12"
- 15C. No. Center @ 8"-12"
- 16C. Center No. @ 8"-12"
- 17C. West Center @ 8"-12"
- 18C. West So. @ 8"-12"
- 19C. West @ 8"-12"
- 20C. NW Corner @ 8"-12"

Cleanup Area Scale: 1"=20'

SOIL SAMPLE RESULTS TABLE

F/V Sundance, Inc.

Site Location:

Pacific Marine Center
2601 T Ave.
Anacortes, WA 98221

Characterization Sample Results

Sample Date: 2-25-22

Sample #	Benzene	Toluene	Ethylbenz	Xylenes	Diesel	Heavy Oil
1. Grab Spill North	< 0.2	0.16	< 0.5	1.5	7600	nd
2. Grab Spill Center	0.17	7	10	64	12000	nd
3. Grab Spill South	< 0.2	nd	nd	17	6900	nd

Confirmation Sample Results

Sample Date: 3-29-22

1C. So. Wall @ 3'					930	
2C. W Wall @ 3'					nd	
3C. E Wall @ 3'					nd	
4C. Bottom @ 3'	nd	nd	nd	nd	nd	
5C. Bottom So. @ 6'					nd	
6C. West So. @ 3.5'					72	
7C. East So. @ 3.5'					nd	
8C. Bottom @ 3'	nd	nd	nd	nd	nd	
9C. East @ 3'	nd	nd	nd	< 0.30	1700	
10C. West @ 3'					140	
11C. Bottom @ 2.5'					nd	
12C. Bottom @ 8"-12"					74	
13C. Bottom @ 8"-12"					nd	
14C. Bottom Under Boat @ 8"-12"					69	
15C. No. Center @ 8"-12"					nd	
16C. Center No. @ 8"-12"					nd	
17C. West Center @ 8"-12"					nd	
18C. West So. @ 8"-12"					nd	
19C. West @ 8"-12"					nd	
20C. NW Corner @ 8"-12"					nd	
PQL	0.02	0.1	0.05	0.15	50	250

Bold indicates above MTCA Method A Soil Cleanup Level

Soil results reported in mg/kg = (ppm)

"nd" indicates not detected at the listed detection limits

Diesel & Heavy Oil by NWTPH-Dx/Dx Extended, BTEX by EPA 8260D

SOIL SAMPLE

ANALYTICAL DATA



Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

66997

March 11, 2022

Tom Langseth
Langseth Environmental Services, Inc.
7517 Portland Avenue, Suite A
Tacoma, WA 98404

Dear Mr. Langseth:

Please find enclosed the analytical data report for the FN Sundance Project located in Anacortes, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

Chain of Custody Record

3322 South Bay Road NE
 Olympia, WA 98506
 Ph: 360-352-2110
 Fax: 360-352-4154

Date: 2-28-22 Page: 1 of 1

Client: Langseth Environmental Services

Project Manager: T. Jacobson Tom Langseth
 Project Name: EN Sundance

Address: Northgate State: _____ Zip: _____

Location: 2601 T Ave City, State: ANACORTES

Phone: _____ Fax: _____

Collector: T. Jacobson Date of Collection: 2-25-22

Client Project # _____

Email: langsethenviro@gmail.com (cc) wichelle@northwesternenv.com



Sample Number	Depth	Time	Sample Type	Container Type	Analytes											Field Notes			
					VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270		Semi Vol 8270		
1 <u>Gras Spill N</u>		<u>5:30</u>	<u>S</u>	<u>402-2004</u>			<input checked="" type="checkbox"/>												
2 <u>Gras Spill Centre</u>		<u>1740</u>	<u>✓</u>	<u>✓</u>															
3 <u>Gras Spill South</u>		<u>1750</u>	<u>✓</u>	<u>✓</u>															
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by: Michelle Date / Time: 3/7/22 1300 Received by: h12 Date / Time: 3/7/22 1300

Relinquished by: Michelle Date / Time: 3/7/22 1300 Received by: h12 Date / Time: 3/7/22 1300

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Relinquished by: _____ Date / Time: _____ Received by: _____ Date / Time: _____

Remarks: VOC Reserved
See MeOH 2-28-22
7:20 AM

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.

Libby Environmental, Inc.

FN SUNDANCE PROJECT
Langseth Environmental Services
Anacortes, Washington
Libby Project # L22C033

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

BTEX by EPA Method 8260D in Soil

Sample Description		Method Blank	Grab Spill N	Grab Spill Center	Grab Spill South
Date Sampled		N/A	2/25/2022	2/25/2022	2/25/2022
Date Analyzed	PQL (mg/kg)	3/8/2022 (mg/kg)	3/8/2022 (mg/kg)	3/8/2022 (mg/kg)	3/8/2022 (mg/kg)
Benzene	0.02	nd	<0.2	0.17	<0.2
Toluene	0.10	nd	0.16	7.0	1.1
Ethylbenzene	0.05	nd	<0.5	10	2.4
Total Xylenes	0.15	nd	1.5	64	17
Surrogate Recovery					
Dibromofluoromethane		110	112	109	109
1,2-Dichloroethane-d4		103	108	101	103
Toluene-d8		103	100	103	102
4-Bromofluorobenzene		98	101	118	106

"nd" Indicates not detected at listed detection limit.

"<" Indicates elevated PQL due to dilution.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Melissa Harrington

Libby Environmental, Inc.

FN SUNDANCE PROJECT
 Langseth Environmental Services
 Anacortes, Washington
 Libby Project # L22C033

3322 South Bay Road NE
 Olympia, WA 98506
 Phone: (360) 352-2110
 FAX: (360) 352-4154
 Email: libbyenv@gmail.com

QA/QC for BTEX (EPA Method 8260D) in Soil

Matrix Spike Sample Identification: L22C021								
Date Analyzed: 3/8/2022								
	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Benzene	0.25	0.27	0.26	108	104	3.8	65-135	
Toluene	0.25	0.27	0.27	108	108	0.0	65-135	
Ethylbenzene	0.25	0.29	0.29	116	116	0.0	65-135	
Total Xylenes	0.75	0.92	0.92	123	123	0.0	65-135	
Surrogate Recovery (%)				MS	MSD			
Dibromofluoromethane				111	110		65-135	
1,2-Dichloroethane-d4				107	102		65-135	
Toluene-d8				102	102		65-135	
4-Bromofluorobenzene				100	101		65-135	

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Melissa Harrington

Laboratory Control Sample

Date Analyzed: 3/8/2022					
	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Benzene	0.25	0.21	84	80-120	
Toluene	0.25	0.21	84	80-120	
Ethylbenzene	0.25	0.22	88	80-120	
Total Xylenes	0.75	0.68	91	80-120	
Surrogate Recovery					
Dibromofluoromethane			113	65-135	
1,2-Dichloroethane-d4			105	65-135	
Toluene-d8			101	65-135	
4-Bromofluorobenzene			100	65-135	

ANALYSES PERFORMED BY: Melissa Harrington

Libby Environmental, Inc.

FN SUNDANCE PROJECT
Langseth Environmental Services
Anacortes, Washington
Libby Project # L22C033

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	3/9/2022	135	nd	nd
Grab Spill N	3/9/2022	236	7600	nd
Grab Spill Center	3/9/2022	280	12000	nd
Grab Spill Center Dup	3/9/2022	254	16000	nd
Grab Spill South	3/9/2022	243	6900	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Alex Randolph

Libby Environmental, Inc.

FN SUNDANCE PROJECT
Langseth Environmental Services
Libby Project # L22C033
Date Received 3/7/22 13:00

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

Received By KD

Sample Receipt Checklist

Chain of Custody

1. Is the Chain of Custody complete? Yes No
2. How was the sample delivered? Hand Delivered Picked Up Shipped

Log In

3. Cooler or Shipping Container is present. Yes No N/A
4. Cooler or Shipping Container is in good condition. Yes No N/A
5. Cooler or Shipping Container has Custody Seals present. Yes No N/A
6. Was an attempt made to cool the samples? Yes No N/A
7. Temperature of cooler (0°C to 8°C recommended) 2.8 °C
8. Temperature of sample(s) (0°C to 8°C recommended) 7.4 °C
9. Did all containers arrive in good condition (unbroken)? Yes No
10. Is it clear what analyses were requested? Yes No
11. Did container labels match Chain of Custody? Yes No
12. Are matrices correctly identified on Chain of Custody? Yes No
13. Are correct containers used for the analysis indicated? Yes No
14. Is there sufficient sample volume for indicated analysis? Yes No
15. Were all containers properly preserved per each analysis? Yes No
16. Were VOA vials collected correctly (no headspace)? Yes No N/A
17. Were all holding times able to be met? Yes No

Discrepancies/ Notes

18. Was client notified of all discrepancies? Yes No N/A

Person Notified: _____

Date: _____

By Whom: _____

Via: _____

Regarding: _____

19. Comments. _____



Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

April 4, 2022

Tom Langseth
Northern Environmental, LLC
7517 Portland Avenue, Suite B
Tacoma, WA 98404

Dear Mr. Langseth:

Please find enclosed the analytical data report for the S/V Sundance Project located in Anacortes, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Libby Environmental, Inc.

Chain of Custody Record

3322 South Bay Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

BC169 WAC
ARC110 OX

Date: 3-29-22 Page: 1 of 2

Client:

Northwest Columbia

Project Manager: T LAWRENCE

Project Name: SW SUNDRAVE

City: State: Zip:

Phone: Fax:

Client Project # 253 5266961

Collector: T LAWRENCE
Email: LAWRENCE@COLUMBIA.COM

Location: PACIFIC MARINE City, State: ANACORTES, WA
Date of Collection: 3-29-22



Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-GX	NWTPH-HCID	NWTPH-DX / DX	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	Field Notes
1 S wall	3'	916	S	ML					X							4-13-22
2 W wall	3'	919														Request to report
3 E wall	3'	924														BTEX per Tom
4 Bottom	3'	9:28							X							Via email.
5 Bottom So	6'	1029														
6 W So 21'	3 1/2'	1035														
7 E So 23'	3 1/2'	1038														
8 Bottom 30'	3'	1042					X									
9 E 30'	3'	1144					X									
10 W 30'	3'	1147														
11 Bottom 36'	2 1/2'	1149														
12 Bottom 45'	8" 12"	1153														
13 Bottom 58'	8" 12"	1156														
14 Bottom under Boat	8" 12"	128					X									
15 N Center 55		213														
16 Center N 46		219														
17 W Center 46		224														

Relinquished by: *[Signature]* Date / Time: *3/29/22 1647* Received by: *[Signature]* Date / Time: *3/29/22 1647*

Relinquished by: *[Signature]* Date / Time: *3/29/22 1647* Received by: *[Signature]* Date / Time: *3/29/22 1647*

Relinquished by: *[Signature]* Date / Time: *3/29/22 1647* Received by: *[Signature]* Date / Time: *3/29/22 1647*

Relinquished by: *[Signature]* Date / Time: *3/29/22 1647* Received by: *[Signature]* Date / Time: *3/29/22 1647*

Sample Receipt

Good Condition? Y N

Cooler Temp. °C

Sample Temp. °C

Total Number of Containers

Remarks: ML

TAT: 24HR 48HR 5-DAY
Distribution: White - Lab, Yellow - Originator

LEGAL ACTION CLAUSE: In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.

Libby Environmental, Inc.

Chain of Custody Record

3322 South Bay Road NE
 Olympia, WA 98506

Ph: 360-352-2110
 Fax: 360-352-4154

Client:

NORTHWARD

Date: 3-29-22

Page: 2 of 2

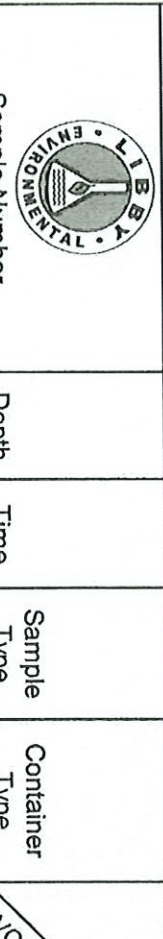
Address: _____ State: _____ Zip: _____

City: _____

Project Manager: T. Larseth
 Project Name: S/V Soudahe
 Location: PACIFIC MARINE
 Collector: T. Larseth

Phone: _____

City, State: ANACAPLES, WA
 Date of Collection: 3-29-22
 Email: LANGSETH@LIBBYENV.COM



- VOC 8260
- PCE & Daughter Prod.
- NWTPH-Gx
- BTEX (8260) / (8021)
- NWTPH-HCID
- NWTPH-DX / DX
- PCB 8082
- MTCA 5 Metals
- RCRA 8 Metals
- c PAH 8270
- PAH 8270
- Semi Vol 8270

Field Notes

Sample Number	Depth	Time	Sample Type	Container Type																																			
18 WEST SD 45	8'-12"	229	S	ML																																			
19 W 48		234	L	L																																			
20 NW CORNER 56		238	L	L																																			
4																																							
5																																							
6																																							
7																																							
8																																							
9																																							
10																																							
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14																																							
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16																																							
17																																							
Relinquished by: <u>[Signature]</u>		Date / Time		Received by: <u>[Signature]</u>		Date / Time		Sample Receipt		Remarks:																													
Relinquished by: <u>[Signature]</u>		Date / Time <u>3/29/22</u>		Received by: <u>[Signature]</u>		Date / Time <u>1547</u>		Good Condition? <u>Y</u>	Cooler Temp. <u>C</u>	Sample Temp. <u>C</u>	Total Number of Containers	TAT: 24HR 48HR 5-DAY																											

LEGAL ACTION CLAUSE: In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.

Distribution: White - Lab - Yellow - Originator

Libby Environmental, Inc.

3322 South Bay Road NE

Olympia, WA 98506

Phone: (360) 352-2110

FAX: (360) 352-4154

Email: libbyenv@gmail.com

S/V SUNDANCE PROJECT

Northern Environmental

Anacortes, Washington

Libby Project # L22C132

BTEX by EPA Method 8260D in Soil

Sample Description		Method Blank	Bottom	Bottom Dup	Bottom 30'	E 30'
Date Sampled		N/A	3/29/2022	3/29/2022	3/29/2022	3/29/2022
Date Analyzed	PQL	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	< 0.30
Surrogate Recovery						
Dibromofluoromethane		127	123	128	121	124
1,2-Dichloroethane-d4		115	113	121	108	108
Toluene-d8		100	100	91	100	102
4-Bromofluorobenzene		110	107	109	112	120

"nd" Indicates not detected at listed detection limit.

"<" Indicates elevated PQL due to dilution.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

S/V SUNDANCE PROJECT
Northern Environmental
Anacortes, Washington
Libby Project # L22C132

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

QA/QC for BTEX (EPA Method 8260D) in Soil

Matrix Spike Sample Identification: Bottom								
Date Analyzed: 3/29/2022								
	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Benzene	0.25	0.27	0.26	108	104	3.8	65-135	
Toluene	0.25	0.28	0.28	112	112	0.0	65-135	
Ethylbenzene	0.25	0.21	0.22	84	88	4.7	65-135	
Total Xylenes	0.75	0.70	0.72	93	96	2.8	65-135	
Surrogate Recovery (%)				MS	MSD			
Dibromofluoromethane				123	121		65-135	
1,2-Dichloroethane-d4				112	106		65-135	
Toluene-d8				96	93		65-135	
4-Bromofluorobenzene				111	108		65-135	

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 3/29/2022					
	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Benzene	0.25	0.27	108	80-120	
Toluene	0.25	0.29	116	80-120	
Ethylbenzene	0.25	0.23	92	80-120	
Total Xylenes	0.75	0.76	101	80-120	
Surrogate Recovery					
Dibromofluoromethane			115	65-135	
1,2-Dichloroethane-d4			102	65-135	
Toluene-d8			102	65-135	
4-Bromofluorobenzene			112	65-135	

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

S/V SUNDANCE PROJECT
Northern Environmental
Anacortes, Washington
Libby Project # L22C132

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

Analyses of Diesel (NWTPH-Dx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)
Method Blank	3/29/2022	102	nd
S Wall	3/29/2022	int	930
W Wall	3/29/2022	111	nd
E Wall	3/29/2022	101	nd
Bottom	3/29/2022	104	nd
Bottom Dup	3/29/2022	105	nd
Bottom So	3/29/2022	100	nd
W So 21'	3/29/2022	131	72
E So 23'	3/29/2022	109	nd
Bottom 30'	3/29/2022	103	nd
E 30'	3/29/2022	int	1700
W 30'	3/29/2022	int	140
Bottom 36'	3/29/2022	104	nd
Bottom 45'	3/29/2022	int	74
Bottom 58'	3/29/2022	99	nd
Bottom Under Boat	3/29/2022	132	69
Bottom Under Boat Dup	3/29/2022	int	61
N Center 55	3/29/2022	108	nd
Center N 46	3/29/2022	91	nd
W Center 46	3/29/2022	120	nd
West So 45	3/29/2022	105	nd
W 48	3/29/2022	113	nd
NW Corner 56	3/29/2022	106	nd
Practical Quantitation Limit			50

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

**ANCILLARY
DOCUMENTATION**

**PCS DISPOSAL
MANIFEST'S**



Petroleum Contaminated Soil
 Transport and Receiving Manifest
 CUSTOMER: **LANGSETH ENVIRO**
 JOB NAME: **F/V SUNDANCE**

****CLASS 3 ONLY- ******

Generator/Property Owner	Transporter
Name: <i>SPILL CONTACT - RODNEY McVICKER</i>	<i>VARIOUS</i>
Address:	Address:
City: ST: <i>WA</i> ZIP:	City: ST <i>WA</i> ZIP:
Telephone: <i>253.503.3096</i>	Telephone: <i>Angelique - Scale HSE 425.551.1705</i>
Contact:	Contact:

Job Site Information	Receiving Facility
Address <i>F/V SUNDANCE, 2601 T AVE</i>	<i>CADMAN SOIL REMEDIATION</i>
City: <i>ANACORTES</i> ST: <i>WA</i> ZIP:	<i>17 EAST MARINE VIEW DRIVE, EVERETT</i>
Telephone:	Phone: <i>425.356.6619</i>
Onsite Contact:	Contact: <i>Larry W. Baker</i>

Material Description	Class	Off-load Location
<i>Petroleum Contaminated Soil</i>	<i>3</i>	<i>CADMAN SOIL REMEDIATION</i>
Truck #: _____		
Driver Signature: _____		
Scale Attendant Signature: _____		Date/Time In: _____

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature *Ben Grotz* Date _____

***** Each incoming load must be accompanied by a completed manifest *****

CADMAN
 HEIDELBERG CEMENT Group*
 (888) 322-6847 425-961-7100

TICKET NO.	1124517430		TICKET TIME	9:01:17AM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Order No.						10117888
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #	
Truck Type	SOLO	Truck No.	DC123	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Hauler/Carrier No.	10063582	Driver's Name	Delivered/Ordered		Load No.	Running Total
				36.42 /	2	36.42

98849 WEIGHMASTER STATION
 Sno River Delta Soils
 17 E. Marine View Dr.
 Everett, WA 98213

SOIL/DF / FV SUNDANCE
 601 T AVE
 CLASS 3 TO SOILS
 ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	15.42		

SCALE WEIGHT	GROSS & TARE	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge
56,540 LB			Sales Tax
Gross 25,700 LB/P.T.*	<input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 X Deputy Weighmaster		Total
Tare 30,840 LB			
Net			

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
<input type="checkbox"/>	X	X	X	
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials
				X
				This Tickets Grand Total



TICKET NO.	1124517431		TICKET TIME	9:54:31AM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Order No.						10117888
Customer Job No.	Customer P.O.			Map Ref.	/	
Disp. Ord. #						
Truck Type	SO18	Truck No.	DC129		Vehicle or License Plate No.	Trailer or License Plate No.
Zone						
Hauler/Carrier No.	10063582	Driver's Name	Delivered/Ordered		Load No.	3
Running Total						55.20

98848900
WEIGHMASTER STATION
Sno River Delta Soils
17 E. Marine View Dr.
Everett, WA 98213

SOIL/DF / FV SUNDANCE
601 T AVE

CLASS 3 TO SOILS
ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	18.78		

SCALE WEIGHT	GROSS & TARE	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge
63,060 LB	<input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 X _____ Deputy Weighmaster		Sales Tax
Gross 25,500 LB/P.T.*			Total
Tare 37,560 LB			
Net _____			

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
<input type="checkbox"/>	X	X	X	
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials
				X
				This Tickets Grand Total



TICKET NO.	1124517433		TICKET TIME	11:07:06AM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Order No.						10117888
Customer Job No.	Customer P.O.			Map Ref.	/	
Truck Type	Soils	Truck No.	DC124	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Hauler/Carrier No.	10063582	Driver's Name	Delivered/Ordered		Load No.	3
			53.23 /		Running Total	53.23

WEIGHMASTER STATION
98848900
Sno River Delta Soils
17 E. Marine View Dr.
Everett, WA 98213

SOIL/DF / FV SUNDANCE
601 T AVE
CLASS 3 TO SOILS
ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	19.03		

SCALE WEIGHT		GROSS & TARE		A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge
66,320 LB *		<input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 X Angelique Deputy Weighmaster			Sales Tax
Gross	28,260 LB/P.T.*				Total
Tare	38,060 LB *				
Net					
No one available to sign, customer waives receipt signature.		Received by Signature		Print Name (Customer)	Driver's Signature
<input type="checkbox"/>		<input checked="" type="checkbox"/>		X	X
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				X	



TICKET NO.	1124517434		TICKET TIME	11:07:25AM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Order No.						PO117888
Customer Job No.	Customer P.O.			Map Ref. /	Disp. Ord. #	
Truck Type	SO18	Truck No.	DC124	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Hauler/Carrier No.	10063582	Driver's Name	Delivered/Ordered		Load No.	Running Total
				70.09 /	4	70.09

9889000
WEIGHMASTER STATION
Sno River Delta Soils
17 E. Marine View Dr.
Everett, WA 98213

SOIL/DF / FV SUNDANCE
601 T AVE
CLASS 3 TO SOILS
ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	16.86		

SCALE WEIGHT		GROSS & TARE		A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge
61,980 LB		<input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 X Angelique Deputy Weighmaster			Sales Tax
Gross	26,260 LB/P.T.			Total Standby Time This Tickets Grand Total	
Tare	33,720 LB				
Net					
No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature		
<input type="checkbox"/>	X	X	X		
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	
				X	



TICKET NO.	1124517435		TICKET TIME	11:18:19AM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Order No.						10117888
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #	
Truck Type	Solo	Truck No.	DC123	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Hauler/Carrier No.	10063582	Driver's Name	Delivered/Ordered		Load No.	Running Total
			86.01 /		5	86.01

9884690
WEIGHMASTER STATION
Sno River Delta Soils
17 E. Marine View Dr.
Everett, WA 98213

SOIL/DF / FV SUNDANCE
601 T AVE

CLASS 3 TO SOILS
ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	15.92		

SCALE WEIGHT 57,540 LB Gross 25,700 LB/P.T.* Tare 31,840 LB Net	GROSS & TARE <input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 Angelique Deputy Weighmaster	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge Sales Tax Total
--	---	--	---

No one available to sign, customer waives receipt signature. <input type="checkbox"/>	Received by Signature <input checked="" type="checkbox"/>	Print Name (Customer) <input checked="" type="checkbox"/>	Driver's Signature <input checked="" type="checkbox"/>	Standby Time
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials <input checked="" type="checkbox"/>
				This Tickets Grand Total



TICKET NO.	1124517437		TICKET TIME	12:15:19PM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Customer Job No.		Customer P.O.		Map Ref.	/	Disp. Ord. #
Truck Type	Solo	Truck No.	DCT29	Vehicle or License Plate No.		Trailer or License Plate No.
Hauler/Carrier No.	10063582	Driver's Name		Delivered/Ordered	104.98 /	Load No.
						6
						Running Total
						104.98

WEIGHMASTER STATION
98846900
Sno River Delta Soils
17 E. Marine View Dr.
Everett, WA 98213

SOIL/DF / FV SUNDANCE
601 T AVE
CLASS 3 TO SOILS
ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	18.97		

SCALE WEIGHT	63,440 LB	GROSS & TARE	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge
Gross	25,500 LB/P.T.*	<input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 X Angelique Deputy Weighmaster		Sales Tax
Tare	37,940 LB			Total
Net				

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
<input type="checkbox"/>	X	X	X	
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials
				X
				This Tickets Grand Total



TICKET NO. 1124517438		TICKET TIME 1:27:30PM	DATE 3/29/2022	
Customer No. 7820677	Payment Type Account	Customer Name LANGSETH ENVIRONMENTAL SERVICES		Order No. 10117888
Customer Job No.	Customer P.O.	Map Ref. /	Disp. Ord. #	
Truck Type S618	Truck No. DC124	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Hauler/Carrier No. 10063582	Driver's Name	Delivered/Ordered 24.14 /	Load No. 7	Running Total 124.14

WEIGHMASTER STATION
98848900
Sno River Delta Soils
17 E. Marine View Dr.
Everett, WA 98213

SOIL/DF / FV SUNDANCE
601 T AVE
CLASS 3 TO SOILS
ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	19.16		

SCALE WEIGHT 66,580 LB Gross 28,260 LB/P.T. Tare 38,320 LB Net		GROSS & TARE <input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 <input checked="" type="checkbox"/> Deputy Weighmaster		A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.		Fuel Surcharge Sales Tax Total	
No one available to sign, customer waives receipt signature. <input type="checkbox"/>		Received by Signature <input checked="" type="checkbox"/>		Print Name (Customer) <input checked="" type="checkbox"/>		Driver's Signature <input checked="" type="checkbox"/>	
Arrive Job		Start Unloading		Finish Unloading		Standby Time <input checked="" type="checkbox"/>	
						This Tickets Grand Total	

CADMAN
 HEIDELBERGCEMENT Group^s
 (888) 322-6847 425-961-7100

TICKET NO.	1124517439		TICKET TIME	1:36:38PM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Customer Job No.		Customer P.O.		Map Ref.	/	Disp. Ord. #
Truck Type	Solo	Truck No.	DCT23	Vehicle or License Plate No.		Trailer or License Plate No.
Hauler/Carrier No.	10063582	Driver's Name		Delivered/Ordered	139.60 /	Load No.
					8	Running Total
						139.60

WEIGHMASTER STATION
 98846900
 Sno River Delta Soils
 17 E. Marine View Dr.
 Everett, WA 98213

SOIL/DF / FV SUNDANCE
 601 T AVE
 CLASS 3 TO SOILS
 ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	15.46		

SCALE WEIGHT		GROSS & TARE		A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge
56,540 LB		<input checked="" type="checkbox"/> Scale 1 <input type="checkbox"/> Scale 2 <input checked="" type="checkbox"/> Deputy Weighmaster			Sales Tax
Gross	25,620 LB/P.T.				Total
Tare	30,920 LB				
Net					

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
<input type="checkbox"/>	<input checked="" type="checkbox"/>	X	X	
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials
				X
				This Tickets Grand Total

CADMAN
 HEIDELBERGCEMENTGroup*
 (888) 322-6847 425-961-7100

TICKET NO.	1124517440		TICKET TIME	2:40:27PM	DATE	3/29/2022
Customer No.	7820677	Payment Type	Account		Customer Name	LANGSETH ENVIRONMENTAL SERVICES
Order No.						10117888
Customer Job. No.	Customer P.O.			Map Ref.	/	
Disp. Ord. #						
Truck Type	Solo	Truck No.	DCT29		Vehicle or License Plate No.	Trailer or License Plate No.
Zone						
Hauler/Carrier No.	10063582	Driver's Name	Delivered/Ordered		156.17 /	Load No.
Running Total						9
						156.17

98848900
WEIGHMASTER STATION
 Sno River Delta Soils
 17 E. Marine View Dr.
 Everett, WA 98213

SOIL/DF / FV SUNDANCE
 601 T AVE
 CLASS 3 TO SOILS
 ANACORTES



Product	Description	Total	Unit Price	Amount
99005	CLASS 3 SOILS (TN)	16.57		

SCALE WEIGHT		GROSS & TARE		A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME. LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Fuel Surcharge
58,640 LB		<input checked="" type="checkbox"/> Scale <input type="checkbox"/> Spare <input checked="" type="checkbox"/> Deputy Weighmaster			Sales Tax
Gross	25,500 LB/P.T.*				Total
Tare	33,140 LB				
Net					
No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature		Standby Time
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				<input checked="" type="checkbox"/>	



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63258
Date: 3/30/22
Time: 7:04 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
63920 lb	28220 lb	35700 lb
31.96 Tn	14.11 Tn	17.85 Tn
28.99 Mg	12.80 Mg	16.19 Mg

Product and Load Totals

ID: 215 JM#:
Name: 5/8" - 0" AND 3/4" - 0
Today: 1 Loads 17.85 Tn 16.19 Mg
To Date: 1 Loads 17.85 Tn 16.19 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63265
Date: 3/30/22
Time: 7:41 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
61720 lb	28220 lb	33500 lb
30.86 Tn	14.11 Tn	16.75 Tn
28.00 Mg	12.80 Mg	15.20 Mg

Product and Load Totals

ID: 215 JM#:
Name: 5/8" - 0" AND 3/4" - 0
Today: 2 Loads 34.60 Tn 31.39 Mg
To Date: 2 Loads 34.60 Tn 31.39 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63269
Date: 3/30/22
Time: 8:13 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
60500 lb	28220 lb	32280 lb
30.25 Tn	14.11 Tn	16.14 Tn
27.44 Mg	12.80 Mg	14.64 Mg

Product and Load Totals

ID: 215 JM#:
Name: 5/8" - 0" AND 3/4" - 0
Today: 3 Loads 50.74 Tn 46.03 Mg
To Date: 3 Loads 50.74 Tn 46.03 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63277
Date: 3/30/22
Time: 8:50 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
62180 lb	28220 lb	33960 lb
31.09 Tn	14.11 Tn	16.98 Tn
28.21 Mg	12.80 Mg	15.40 Mg

Product and Load Totals

ID: 215 JM#:
Name: 5/8" - 0" AND 3/4" - 0
Today: 4 Loads 67.72 Tn 61.43 Mg
To Date: 4 Loads 67.72 Tn 61.43 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63286
Date: 3/30/22
Time: 9:20 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
61860 lb	28220 lb	33640 lb
30.93 Tn	14.11 Tn	16.82 Tn
28.06 Mg	12.80 Mg	15.26 Mg

Product and Load Totals

ID: 215 JMF #:
Name: 5/8" - 0" AND 3/4" - 0
Today: 5 Loads 84.54 Tn 76.69 Mg
To Date: 5 Loads 84.54 Tn 76.69 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63291
Date: 3/30/22
Time: 9:50 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
62780 lb	28220 lb	34560 lb
31.39 Tn	14.11 Tn	17.28 Tn
28.48 Mg	12.80 Mg	15.68 Mg

Product and Load Totals

ID: 215 JMF #:
Name: 5/8" - 0" AND 3/4" - 0
Today: 6 Loads 101.82 Tn 92.37 Mg
To Date: 6 Loads 101.82 Tn 92.37 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63301
Date: 3/30/22
Time: 10:24 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
62820 lb	28220 lb	34600 lb
31.41 Tn	14.11 Tn	17.30 Tn
28.50 Mg	12.80 Mg	15.69 Mg

Product and Load Totals

ID: 215 JMF #:
Name: 5/8" - 0" AND 3/4" - 0
Today: 7 Loads 119.12 Tn 108.06 Mg
To Date: 7 Loads 119.12 Tn 108.06 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
Lakeside Industries Anacortes, WA 98221
(360) 293-2168

Ticket #: 63310
Date: 3/30/22
Time: 10:56 am

*** Delivery ***

Customer Information

ID: 100002
Name:
Address:

Phone:

Job Information

ID: LANGseth PO#:
Name: Langseth
Location:

Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
Descript: DC Transport
Carrier ID: 1
Name: S

Truck Weights

Gross	Tare	Net
60040 lb	28220 lb	31820 lb
30.02 Tn	14.11 Tn	15.91 Tn
27.23 Mg	12.80 Mg	14.43 Mg

Product and Load Totals

ID: 220 JMF #:
Name: 1 1/4" - 3/8
Today: 1 Loads 15.91 Tn 14.43 Mg
To Date: 1 Loads 15.91 Tn 14.43 Mg

Seal: 131
Weighmaster: Kathy Dodd

Driver Copy



Anacortes Scale
 Lakeside Industries Anacortes, WA 98221
 (360) 293-2168

Ticket #: **63322**
 Date: 3/30/22
 Time: 11:26 am

*** Delivery ***

Customer Information

ID: 100002
 Name:
 Address:
 Phone:

Job Information

ID: LANGseth PO#:
 Name: Langseth
 Location:
 Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
 Descript: DC Transport
 Carrier ID: 1
 Name: S

Truck Weights

Gross	Tare	Net
62060 lb	28220 lb	33840 lb
31.03 Tn	14.11 Tn	16.92 Tn
28.15 Mg	12.80 Mg	15.35 Mg

Product and Load Totals

ID: 220 JM#:
 Name: 1 1/4" - 3/8
 Today: 2 Loads 32.83 Tn 29.78 Mg
 To Date: 2 Loads 32.83 Tn 29.78 Mg

Seal: 131
 Weighmaster: Kathy Dodd

Customer Copy

AN EQUAL OPPORTUNITY EMPLOYER - WA ST. CONT. REG. # LAKESI*274JD - OR CCB# 108542
 For a Safety Data Sheet call 425-313-2600 or download at www.lakesideindustries.com



Anacortes Scale
 Lakeside Industries Anacortes, WA 98221
 (360) 293-2168

Ticket #: **63329**
 Date: 3/30/22
 Time: 11:55 am

*** Delivery ***

Customer Information

ID: 100002
 Name:
 Address:
 Phone:

Job Information

ID: LANGseth PO#:
 Name: Langseth
 Location:
 Item: 99 -

Truck and Carrier Information

Truck ID: DCtran
 Descript: DC Transport
 Carrier ID: 1
 Name: S

Truck Weights

Gross	Tare	Net
62660 lb	28220 lb	34440 lb
31.33 Tn	14.11 Tn	17.22 Tn
28.42 Mg	12.80 Mg	15.62 Mg

Product and Load Totals

ID: 220 JM#:
 Name: 1 1/4" - 3/8
 Today: 3 Loads 50.05 Tn 45.40 Mg
 To Date: 3 Loads 50.05 Tn 45.40 Mg

Seal: 131
 Weighmaster: Kathy Dodd

Driver Copy



INTERNATIONAL CODE COUNCIL THOMAS LANGSETH

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Washington State Site Assessment

Given this day January 31, 2021

Certificate No. 8322786

A handwritten signature in black ink, appearing to read "Greg Wheeler".

Greg Wheeler, CBO
President, Board of Directors

A handwritten signature in black ink, appearing to read "Dominic Sims".

Dominic Sims, CBO
Chief Executive Officer



PHOTOGRAPHS



1. Looking east at spill area prior to remediation project. Note the spill area covered with poly sheeting.



2. Looking north at the start of the PCS excavation in the south end of the spill area. Note the fuel stains on the east end of the Sundance vessel scuppers.



3. Looking south as excavation continues north toward vessel.



4. Looking south at the approximate middle of remediation area. The southerly 30' dug to an approximate depth of 3 ½'. One area, approximately 16' from south end, excavated to a depth of 6'.



5. Looking north at remediation area. The final northerly 30' of the spill area was limited to an approximate excavation depth of 8" – 12". The original spill occurred during a cold, snowy and frozen February time frame. It is speculated that the spill traveled over the frozen ground. Because of the quick emergency response by Northern Environmental, any fuel puddling was limited to the southern area of the spill.



6. Looking east at the final remediation area. Final area measured approximately 61' X 42', in addition to a small 9' X 7' area directly under the spill source.



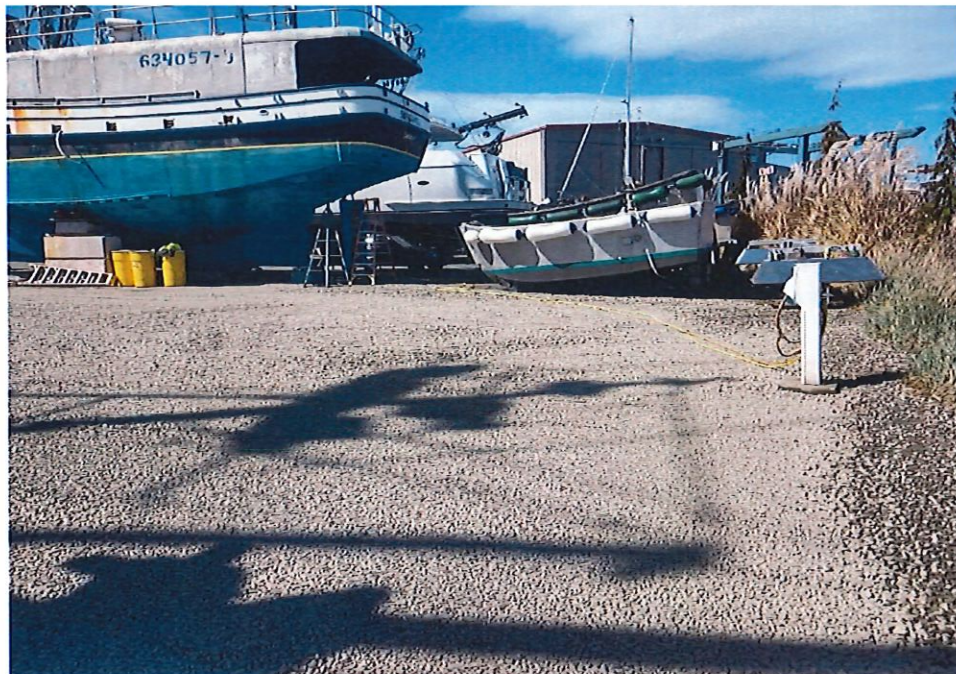
7. All PCS was loaded directly into dump trucks for hauling and disposal at the licensed Cadman thermal desorption facility in Everett, WA.



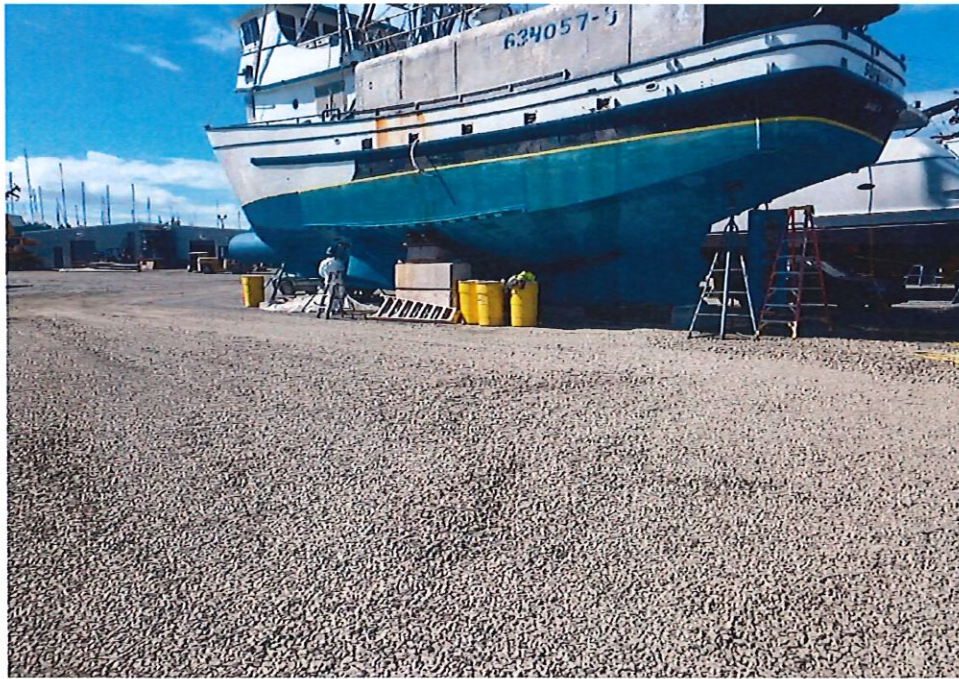
8. Looking north at the excavation area directly under the vessel scuppers (original spill area).



9. Following receipt of confirmation soil sample analytical, the excavation area was backfilled and compacted with clean crushed rock material.



10. Looking north at remediation area following final backfill activities.



11. Looking northwest at final backfilled and compacted remediation area.